

10/15/19393

FILED UNDER 35 U.S.C. 371.

U.S. UTILITY Patent Application

PATENT NUMBER and  
ISSUE DATE

APPLICATION NUMBER	FILING DATE	CLASS	SUBCLASS	GROUP ART UNIT	EXAMINER
(FACE)					

Best Available Copy

NOTICE OF ALLOWANCE MAILED		Assistant Examiner	CLAIMS ALLOWED	
			Total Claims	Print Claim for O.G
ISSUE FEE		DRAWING		
Amount Due	Date Paid	Sheets Drwg.	Figs.Drwg.	Print Fig.
TERMINAL DISCLAIMER		Primary Examiner		
		PREPARED FOR ISSUE		
		Application Examiner		
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UNITED STATES NATIONAL STAGE WORKSHEET (DO/EO)  
BAC, Paralegal

Publication No. WO 03/090464 Publication Date 10-30-03  
Basic fee paid: \$ \_\_\_\_\_ IPER fee paid: \$ \_\_\_\_\_ ISA fee paid: \$ \_\_\_\_\_

U. S. Application No. 10/519,393

International Application Number: PCT/US03/11320 International Filing Date: 4-14-03  
Application Filed by 30 Month: \_\_\_\_\_ Yes  No Language: Eng.

Copy in International Application: yes  no \_\_\_\_\_ Translation: yes \_\_\_\_\_ no \_\_\_\_\_ Defective: yes

371 Filing Fees  paid \_\_\_\_\_ Insufficient Meet Article 33 Requirement: yes \_\_\_\_\_ No & why not \_\_\_\_\_

Original claims: \_\_\_\_\_ Added Claims: \_\_\_\_\_ Total Claims: \_\_\_\_\_ Chargeable \_\_\_\_\_ Independent \_\_\_\_\_ multiple \_\_\_\_\_

Claims Cancelled via Article 34 & /or Pre-Amdt \_\_\_\_\_ Claims added via Article 34 \_\_\_\_\_

Total Number of Drawing Sheets: 3 Foreign Text: \_\_\_\_\_

Oath/Declaration: yes  no \_\_\_\_\_ signed \_\_\_\_\_ unsigned \_\_\_\_\_ defective  Date Satisfied: \_\_\_\_\_

PCT/RO/101/Request Form Declaration: yes: \_\_\_\_\_ signed \_\_\_\_\_ Unsigned

Small Entity:  Yes Small Entity Statement Assertion by filing fee paid  Large Entity: \_\_\_\_\_

1<sup>st</sup> Submission: Biochemical Seq. Diskette: yes \_\_\_\_\_ no \_\_\_\_\_ entered & date \_\_\_\_\_ not entered & date \_\_\_\_\_

2<sup>nd</sup> Submission: Biochemical Seq. Diskette: yes \_\_\_\_\_ no \_\_\_\_\_ entered & date \_\_\_\_\_ not entered & date \_\_\_\_\_

Biochemical Seq. Listing: yes \_\_\_\_\_ no \_\_\_\_\_ statement yes \_\_\_\_\_ no \_\_\_\_\_ other submission date(s): \_\_\_\_\_

Biochemical Diskette/Listing not needed: \_\_\_\_\_

Copy of ISR: \_\_\_\_\_ with references \_\_\_\_\_ without references  Non-Establishment of ISR PCT/ISA/203 \_\_\_\_\_

Article 19 Amendment: \_\_\_\_\_ entered \_\_\_\_\_ not entered \_\_\_\_\_ Replaced by Article 34 Amendment \_\_\_\_\_

Copy of IPER:  without Annexes: \_\_\_\_\_ with Annexes: \_\_\_\_\_ Annexes entered \_\_\_\_\_ Annexes not entered \_\_\_\_\_ 237

Reason Annexes have not been entered: \_\_\_\_\_

Preliminary Amendment(s): yes \_\_\_\_\_ not entered \_\_\_\_\_ & Why \_\_\_\_\_ Other Amendment dates: \_\_\_\_\_

IDS: \_\_\_\_\_ yes \_\_\_\_\_ with references \_\_\_\_\_ without references Other IDS Dates: \_\_\_\_\_

Request for Immediate Examination: yes  no \_\_\_\_\_, Other Early Processing Date: \_\_\_\_\_

Substitute Specification: yes \_\_\_\_\_ no \_\_\_\_\_

Assignment: yes \_\_\_\_\_ no \_\_\_\_\_ Date filed: \_\_\_\_\_ Assignment for PG Pub: Yes \_\_\_\_\_ No \_\_\_\_\_ Date filed: \_\_\_\_\_

Power of Attorney \_\_\_\_\_ Application Data Sheet \_\_\_\_\_ Priority Document(s): yes

Application Size: \_\_\_\_\_ Spec. \_\_\_\_\_ Claims \_\_\_\_\_ Abstract \_\_\_\_\_ Drawings \_\_\_\_\_ Seq. List. \_\_\_\_\_ Seq. RF \_\_\_\_\_ Total: \_\_\_\_\_

Application Fees: owed/paid

\_\_\_\_\_ Declaration \_\_\_\_\_ Claims \_\_\_\_\_ Multiple \_\_\_\_\_ Translation \_\_\_\_\_ Extension \_\_\_\_\_ Petition \_\_\_\_\_ Application size \_\_\_\_\_

Date of 35 USC Receipt of Request: 12-21-04

Date Completion USC 371 Requirements: \_\_\_\_\_

Notice of Missing Requirements: 9-20-06 Response to Missing Requirements \_\_\_\_\_

371 Formalities Letter: (Sequence) 922 \_\_\_\_\_ 922 Response \_\_\_\_\_ or (Fees Owed) 923 \_\_\_\_\_ 923-Response \_\_\_\_\_

Notice of Defective Response: \_\_\_\_\_ Defective Response Reply: \_\_\_\_\_

Notice of Acceptance: \_\_\_\_\_

Notice of Abandonment: 3-7-06 Petition to Revive: \_\_\_\_\_ Petition 1.47: \_\_\_\_\_